PHYSIK CHEMIE BIOLOGIE TECHNIK

LD DIDACTIC

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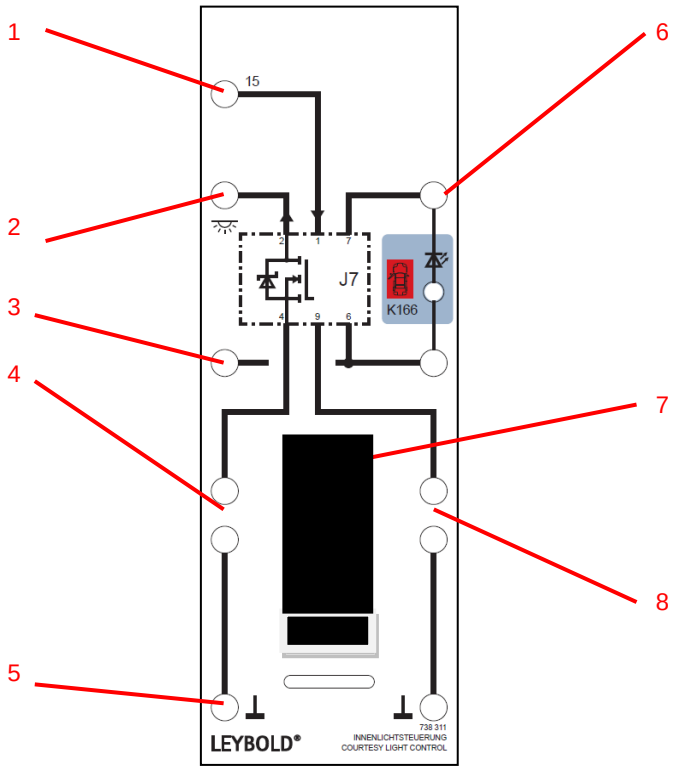
Instruction Manual 738 311

Courtesy Light Control



1 T15 power supply connection
2 Interior lamp connection
3 T30 power supply connection
4 Control unit ground connection
5 Ground connection
6 Door switch
7 Control unit
8 Ground connection

1 Description

This "interior lighting control" helps teach the function of a modern interior lighting control system dependent on the door switch and the ignition's positive signal. An indicator lamp for open doors is also present.

2 Scope of Supply

- Interior light control experimental board

3 Technical Data

- Supply voltage: U_B = +12–15 $V_=$
- Control: ground
- Design: electronic control

4 Functional Description

After opening the door, the interior light turns on; after a certain time it turns back off to preserve the battery. If during this time, the doors are closed again, after a certain time the light gradually dims until it turns off. Turning the ignition on during this time immediately turns the interior light off. Conversely, turning the ignition off turns the interior light on, which turns back off after a door opens and closes. The interior lamp lights up if a door is open and the ignition on.

Safety notes

- The device is appropriate for dry, interior use only!
- Do not operate the device if it exhibits visible damage.
- Use only safety bridging plugs and intact safety connection leads!
- Only use the device for training purposes. Installation in an actual vehicle is prohibited!
- Be sure to use only genuine replacement parts for any necessary repairs!

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